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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/695,679
		Filing Date	10/24/2000
		First Named Inventor	Sakhrat Khizroev et al.
		Group Art Unit	
		Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	284867-00005	

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	- Statement Under 37 CFR 3.73(b)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	- Return Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Benjamin T. Queen, II Pietragallo, Bosick & Gordon
Signature	
Date	April 18, 2002

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class  
mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

Typed or printed name	Benjamin T. Queen, II	Date	4/18/2002
Signature			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

#6  
J. Douglas  
6/7/02

Inventor(s):	Sakhrat Khizroev, Dmitri Litvinov, Bill Crue, Nurul Amin & Robert E. Rottmayer		
Serial No.:	09/695,679	Examiner:	
Filed:	October 24, 2000	Group Art Unit:	
Title:	PERPENDICULAR RECORDING HEAD WITH TRACKWIDTH DEFINED BY PLATING THICKNESS		
Attorney Docket No.:	284867-00005 (SEAG 50940)		

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POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above identified application, REVOCATION OF PRIOR POWERS OF ATTORNEY  
all powers of attorney previously given are hereby revoked and  
NEW POWER OF ATTORNEY

The following practitioners/patent agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Practitioners at Customer Number

29694

Practitioners/Patent Agents named below, and of Seagate Technology LLC:

Shawn B. Dempster, Registration No. 34,321

Raghunath S. Minisandram, Registration No. 38,683

Derek J. Berger, Registration No. 45,401

Mitchell K. McCarthy, Registration No. 38,794

Kirk A. Cesari, Registration No. 47,479

Carol I. Bordas, Registration No. 37,284

Paul T. Dietz, Registration No. 38,858

Jennifer M. Buenzow, Registration No. 50,124

David K. Lucente, Registration No. 36,202

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## CHANGE OF ATTORNEY'S/AGENT'S ADDRESS IN APPLICATION

Alan G. Towner

Pietragallo, Bosick & Gordon  
One Oxford Centre, 38th Floor  
301 Grant Street  
Pittsburgh, PA 15219  
(412) 263-4340 (telephone)  
(412) 261-0915 (facsimile)

## STATEMENT UNDER 37 CFR 3.73(b)

Seagate Technology LLC states that it is the Assignee of Entire Interest in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application/patent identified above. A copy of the Assignment is attached, or was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_. The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC  
(Assignee of Entire Interest)

4/12/02  
Date

*Carol I. Bordas*

Carol I. Bordas, Reg. No. 37,284

Division IP Counsel

SEAGATE TECHNOLOGY LLC

1251 Waterfront Place

Pittsburgh, PA 15222

(412) 918-7167 (telephone)

(412) 918-7085 (facsimile)

# *Assignment*

WHEREAS, we, **SAKHRAT KHIZROEV, DMITRI LITVINOV, BILL CRUE, NURUL AMIN and ROBERT EARL ROTTMAYER**, residing at **6380 Caton Street, Pittsburgh, Pennsylvania 15217; 5463 Wilkins Avenue, Pittsburgh, Pennsylvania 15217; 3001 Marshall Road, #2, Pittsburgh, Pennsylvania 15214; 380 Larpenteur Avenue West, Apt. 8, Saint Paul, Minnesota 55113 and 129 Oakhaven Drive, Wexford, Pennsylvania 15090-8531**, respectively, have invented certain new and useful improvements in **PERPENDICULAR RECORDING HEAD WITH TRACKWIDTH DEFINED BY PLATING THICKNESS** for which we filed Application Serial No. **09/695,679** having a filing date of **October 24, 2000**;

AND WHEREAS **SEAGATE TECHNOLOGY, LLC**, having a place of business at **920 Disc Drive, Scotts Valley, California 95066**, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed;

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to us by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country and the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owner of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree that we will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said

assignee to obtain and enforce full benefits from the rights and interests herein assigned.

This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED 11/28, 2000.

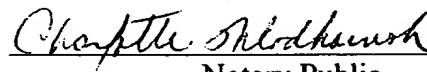


(SEAL)  
Sakhrat Khizroev

State of Pennsylvania :  
County of Allegheny :

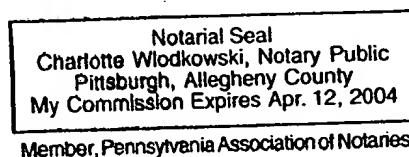
Before me, a Notary Public in and for the Commonwealth of Pennsylvania personally appeared SAKHRAT KHIZROEV who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 28 day of November, 2000.

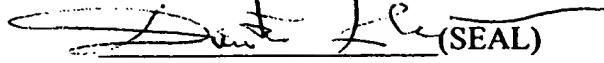


Charlotte Wlodkowski  
Notary Public

(NOTARIAL SEAL)



EXECUTED 11-28, 2000.

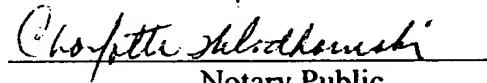
  
(SEAL)  
Dmitri Litvinov

State of Pennsylvania

County of Allegheny

Before me, a Notary Public in and for the Commonwealth of Pennsylvania personally appeared DMITRI LITVINOV who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 28 day of November, 2000.

  
Charlotte Wlodkowska  
Notary Public

(NOTARIAL SEAL)

EXECUTED 11-28, 2000.

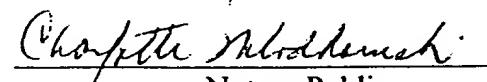
  
(SEAL)  
Bill Crue

State of Pennsylvania

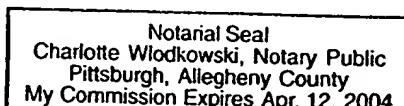
County of Allegheny

Before me, a Notary Public in and for the Commonwealth of Pennsylvania personally appeared BILL CRUE who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 28 day of November, 2000.

  
Charlotte Wlodkowska  
Notary Public

(NOTARIAL SEAL)



Member, Pennsylvania Association of Notaries

EXECUTED 72-1, 2000.

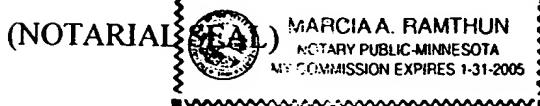
Nurul Amin (SEAL)  
Nurul Amin

State of Minnesota

County of DAKOTA

Before me, a Notary Public in and for the State of Minnesota personally appeared NURUL AMIN who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 1 day of DECEMBER, 2000.



Marcia A. Ramthun

Notary Public

EXECUTED 11-28, 2000.

Robert Earl Rottmayer (SEAL)  
Robert Earl Rottmayer

State of Pennsylvania

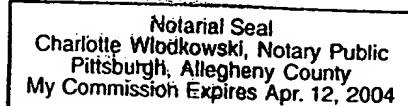
County of Allegheny

Before me, a Notary Public in and for the Commonwealth of Pennsylvania personally appeared ROBERT EARL ROTTMAYER who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 28 day of November, 2000.

(NOTARIAL SEAL)

Charlotte Wlodkowska  
Notary Public



Member, Pennsylvania Association of Notaries